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(54) Title: METHODS OF THERAPY AND DIAGNOSIS USING TARGETING OF CELLS THAT EXPRESS LAX

(57) Abstract: Certain cells are capable of expressing LAX RNA. Targeting using LAX polypeptides, nucleic acids encoding for LAX polypeptides and anti-LAX antibodies, peptides and small molecules provides a method of killing or inhibiting the growth of cells that express the LAX protein. Methods of therapy and diagnosis of disorders associated with LAX protein-expressing cells are described.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K/39/38, 48/00; C07K 16/00
US CL : 514/2, 44; 424/93.2, 184.1; 530/387.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/2, 44; 424/93.2, 184.1; 530/387.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
SEQUENCE DATABASES, MEDLINE, BIOSIS, EMBASE, CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	ZHU, M. ET AL. Molecular cloning of a novel gene encoding a membrane associated adaptor protein (LAX) in lymphocyte signaling. J Biol Chem. 29 November 2002, Vol. 277, No. 48, pages 46151-46158. See particularly the left column of page 46152.	1-4, 7
P, Y		5, 6, 18-22
Y	BONALDO, M. ET AL. Normalization and subtraction: two approaches to facilitate gene discovery. Genom Res. 1996, Vol. 6, pages 791-806. The disclosed mRNA sequence CF136957 of the reference comprises instant SEQ ID No: 4.	1-7, 18-21
A		8-17



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